

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:** Please amend the claims as follows:

We claim:

**Claim 1. (Currently Amended)** A method for the detection or isolation of antigen-specific T lymphocytes comprising ~~detecting the expression of CD154 using~~  
contacting a cell population with a CD40/CD154 system inhibitor which blocks or inhibits the interaction between CD40 and CD154; and  
detecting the expression of CD154.

**Claim 2. (Previously Presented)** The method according to claim 1, comprising detecting or isolating CD4<sup>+</sup> or CD8<sup>+</sup> T lymphocytes which express said CD154.

**Claim 3. (Previously Presented)** The method according to claim 1, wherein the detected T lymphocyte cells comprise inflammatory, anti-inflammatory, regulatory or suppressive T lymphocytes which express said CD154.

**Claim 4. (Previously Presented)** A method for the detection or isolation of antigen-specific T lymphocyte cells in a suspension following activation with an antigen, comprising contacting said suspension with a CD40/CD154 system inhibitor which blocks or inhibits the interaction between CD40 and CD154, and determining intracellular or extracellular CD154 levels, wherein cells having CD154 are detected or separated.

**Claim 5. (Previously Presented)** The method according to claim 4, comprising detecting or isolating CD4<sup>+</sup> or CD8<sup>+</sup> T lymphocytes which express said CD154.

**Claim 6. (Previously Presented)** The method according to claim 4, wherein said CD40/CD154 system inhibitor is an anti-CD40 antibody or an anti-CD154 antibody.

**Claim 7. (Cancelled)**

**Claim 8. (Cancelled)**

**Claim 9. (Previously Presented)** The method according to claim 4, comprising detecting said

intracellular or extracellular CD154 levels in or on vital cells.

**Claim 10. (Withdrawn)** The method according to claim 4, comprising isolating or separating T lymphocytes lacking a defined cytokine pattern.

**Claim 11. (Cancelled)**

**Claim 12. (Cancelled)**

**Claim 13. (Withdrawn)** An antigen-specific T-lymphocyte cell detected or isolated using the method of claim 4.

**Claim 14. (Withdrawn)** A method for the preventive or causal treatment of infectious, allergic, inflammatory, malignant or autoimmune disease comprising administering to a subject in need thereof the antigen-specific T-lymphocyte cell of claim 13.

**Claim 15. (New)** The method according to claim 1, comprising detecting the expression of CD154 with a CD154-specific antibody.